Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
48	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the specificaitons and direction of the Engineer-in-charge. .(Quantity Upto 125%).	Cum	11.73	0	70.44	0	11.73	70.44	825.91	11.7	825.91
	Quantity Above 125%	Cum	8.48				8.48	70.44	597.11	8.48	597.11
49	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation and direction of the Engineer-in-charge. .(Quantity Upto 125%).	Sqm	13.50	0	3415.28	0	13.50	3415.28	46106.28	13.5	46106.28
	Quantity Above 125%	Sqm	2.26				2.26	3415.28	7702.15	2.26	7702.15
50	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and direction of the Engineer-in-charge.	Sqm	31.51	0	107.72	0	31.51	107.72	3394.30	31.5	3394.30
51	Providing and fixing Veneer panelling, over the 50mmx35mm sal wood framework at spacing not exceeding 600mm c/c fixed to the wall and top covered out of 4mm thick approved quality vaneer, fixed over 12mm thick ply of approved brand, termite and water resistant, finished with melamine polish, complete including cost and conveyence of all materials, labour for all items of work HOM etc.., complete as per specifiation and direction of the Engineer-in-charge. (Quantity Upto 125%).	sqm	155.81	0	4239.62	0	155.81	4239.62	660576.89	155.8	660576.89

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
52	Providing and Fixing of ACP Cladding panels with Mild Steel Structure of 4mm thick with Aludecor ACP Sheet, Alloy with Aluminium frame work including Structure. Mark Aluminium base , Red Acrylic. Mild steel pipe luvers including d◆cor design works along form work such Scaffolding and finishing with two coats primer painting of approved design inclusive of all materials , Labour for all item of work ,HOM of machinery, Equipments, including texture wall painting Specification, including tax and Transportation charges as per the approved design and direction of Engineer in Charge.(Data rate) (Quantity Upto 125%).	Sqm	229.81	0	10236.53	0	229.81	10236.53	2352475.39	229.8	2352475.39
53	Providing flooring with 20mm thick polished Cadapa slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications and direction of the Engineer-in-charge. (Quantity Upto 125%).	sqm	2.93	0	1460.45	0	2.93	1460.45	4271.82	2.9	4271.82
	Quantity Above 125%	sqm	2.83				2.83	1460.45	4131.62	2.83	4131.62
54	Stainless Steel Tables for Dining hall(Data rate) complete as per specifications and direction of the Engineer-in-charge.Quantity Upto 125%	Nos	3.00	0	10499.00	0	3.00	10499.00	31497.00	3.0	31497.00
55	Stainless Steel Stools for Dining hall(Data rate) complete as per specifications and direction of the Engineer-in-charge.	Nos	6.00	0	1364.87	0	6.00	1364.87	8189.22	6.0	8189.22
56	Neelkamal/supreme Plastic Moulded chairs(Superior quality) for samudhayabhavana (Data rate)	Nos	158.00	0	1259.98	0	158.00	1259.98	199076.84	158.0	199076.84
57	Supplying ,installing and Commissioning of water Purifier with RO,semi automatic, permeate floe,rate @ 200LPH, & concentrate flow rate@800LPH etc.., complete as per the technical specification appended with the estimate with necessary fixtures & spare parts of approved make & brand etc.., complete as per direction of engineer in charge(Data rate)	Unit	0.00	0	189470.20	0	0.00	189470.20	0.00	0.0	0.00

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
58	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, S-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed / vitreous china clay low level, flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and direction of Engineer in Charge.	Each	2.00	0	5450.62	0	2.00	5450.62	10901.24	2.0	10901.24
59	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and direction of Engineer in Charge.	Each	2.00	0	4543.51	0	2.00	4543.51	9087.02	2.0	9087.02
60	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	10.00	0	196.16	0	10.00	196.16	1961.60	10.0	1961.60
61	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	6.00	0	159.88	0	6.00	159.88	959.28	6.0	959.28
62	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot,as per specifications and direction of Engineer in Charge.	Set	4.00	0	272.13	0	4.00	272.13	1088.52	4.0	1088.52
63	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Set	5.00	0	265.33	0	5.00	265.33	1326.65	5.0	1326.65

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
64	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads ,complete as per specifications and direction of Engineer in Charge.	Set	5.00	0	274.40	0	5.00	274.40	1372.00	5.0	1372.00
65	Providing pedestal for wash basin of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot,complete as per specifications and direction of Engineer in Charge.	Each	2.00	0	1020.50	0	2.00	1020.50	2041.00	2.0	2041.00
66	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and direction of Engineer in Charge.For Rain water pipe. do- 110mm dia.	m	10.00	0	492.11	0	10.00	492.11	4921.10	10.0	4921.10
67	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and direction of Engineer in Charge.For Rain water pipe. do- 160mm dia.	m	20.00	0	967.21	0	20.00	967.21	19344.20	20.0	19344.20
68	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and direction of Engineer in Charge.	unit	2.00	0	1288.10	0	2.00	1288.10	2576.20	2.0	2576.20
69	Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	8.00	0	157.61	0	8.00	157.61	1260.88	8.0	1260.88
70	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	6.00	0	941.13	0	6.00	941.13	5646.78	6.0	5646.78

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
71	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm dia nominal bore with fittings (medium grade weight 1.27kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications and direction of Engineer in Charge.	Rmt	20.00	0	580.55	0	20.00	580.55	11611.00	20.0	11611.00
72	Providing and fixing chlorinated poly venyl chloride(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamp at 1.00m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Conceled work including cutting chases and good the walls etc.,) 25 mm dia.	Rmt	25.00	0	222.24	0	25.00	222.24	5556.00	25.0	5556.00
73	Providing and fixing chlorinated poly venyl chloride(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamp at 1.00m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Conceled work including cutting chases and good the walls etc.,) 20 mm dia.	Rmt	20.00	0	178.02	0	20.00	178.02	3560.40	20.0	3560.40
74	Providing and fixing in position Brass Gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge. -20 mm dia.	Nos	15.00	0	380.99	0	15.00	380.99	5714.85	15.0	5714.85
75	Providing and fixing in position Brass Gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge. 25 mm dia .	Nos	15.00	0	509.12	0	15.00	509.12	7636.80	15.0	7636.80

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
76	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms, complete as per specificaitons and direction of the Engineer-in-charge.	Each	2.00	0	323.16	0	2.00	323.16	646.32	2.0	646.32
77	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and direction of Engineer in Charge. 5km lead= 57+2.0x1.28x5 =69.80 Quantity Upto 125%	cum	42.16	0	217.96	0	42.16	217.96	9188.65	42.2	9188.65
78	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and direction of the Engineer-in-charge. Quantity Upto 125%	cum	5.62	0	5692.45	0	5.62	5692.45	31997.26	5.6	31997.26
79	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.as per specifications and direction of the Engineer-in-charge. Quantity Upto 125%	cum	16.10	0	7423.00	0	16.10	7423.00	119484.32	16.1	119484.32

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
80	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification.as per specifications and direction of the Engineer-in-charge Quantity Upto 125%.	Cum	1.08	0	75936.10	0	1.08	75936.10	81723.43	1.1	81723.43
81	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge(Data rate).	sqm	0.00	0	5688.36	0	0.00	5688.36	0.00	0.0	0.00
82	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per specifications and direction of the Engineer-in-charge.	Each	1.00	0	1975.91	0	1.00	1975.91	1975.91	1.0	1975.91

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
83	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)as per specifications and direction of the Engineer-in-charge.	Rmtr	50.00	0	330.91	0	50.00	330.91	16545.50	50.0	16545.50
84	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) as per specifications and direction of the Engineer-in-charge.	Rmtr	50.00	0	432.56	0	50.00	432.56	21628.00	50.0	21628.00
85	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)as per specifications and direction of the Engineer-in-charge.	Rmtr	50.00	0	481.22	0	50.00	481.22	24061.00	50.0	24061.00

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
86	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)complete as per specifications and direction of Engineer in Charge.	Rmtr	50.00	0	508.26	0	50.00	508.26	25413.00	50.0	25413.00
87	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) as per Specification and direction	Rmtr	50.00	0	588.28	0	50.00	588.28	29414.00	50.0	29414.00
88	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)as per specifications and direction of the Engineer-in-charge.	Rmtr	50.00	0	630.45	0	50.00	630.45	31522.50	50.0	31522.50

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
89	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty P as per specifications and direction of the Engineer-in-charge.	Rmtr	70.00	0	1391.12	0	70.00	1391.12	97378.40	70.0	97378.40
90	Providing 250mm dia PVC Pipe 6kg/cmas per specifications and direction of the Engineer-in-charge.	Rmtr	18.00	0	1154.89	0	18.00	1154.89	20788.02	18.0	20788.02
91	Providing and fixing 160mm Borewell Cap P. iii, I as per specifications and direction of the Engineer-in-charge.	Each	1.00	0	104.99	0	1.00	104.99	104.99	1.0	104.99
92	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps as per specifications and direction of the Engineer-in-charge.	No	1.00	0	63413.96	0	1.00	63413.96	63413.96	1.0	63413.96
93	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications.	M	260.00	0	452.51	0	260.00	452.51	117652.60	260.0	117652.60

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
94	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm	Mtr	540.00	0	133.02	0	540.00	133.02	71830.80	540.0	71830.80
95	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)	Each	130.00	0	92.39	0	130.00	92.39	12010.70	130.0	12010.70
96	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,complete as per specifications and direction of Engineer in Charge.	Each	1.00	0	317.07	0	1.00	317.07	317.07	1.0	317.07
97	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm	Mtr	30.00	0	147.41	0	30.00	147.41	4422.30	30.0	4422.30
98	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm)	Mtr	30.00	0	11.34	0	30.00	11.34	340.20	30.0	340.20
99	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) complete as per specifications and direction of Engineer in Charge.2014-15 For Cutting Road Surface	Mtr	25.00	0	89.24	0	25.00	89.24	2231.00	25.0	2231.00

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
100	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15 40mm dia GI pipe	Mtr	4.00	0	362.22	0	4.00	362.22	1448.88	4.0	1448.88
101	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2	No	1.00	0	293.97	0	1.00	293.97	293.97	1.0	293.97
102	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia,complete as per specifications and direction of Engineer in Charge.	No	1.00	0	2863.08	0	1.00	2863.08	2863.08	1.0	2863.08
103	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	6.00	0	188.98	0	6.00	188.98	1133.88	6.0	1133.88
104	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO.	No	1.00	0	1658.21	0	1.00	1658.21	1658.21	1.0	1658.21
105	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete as per specifications and direction of Engineer in Charge.	No	1.00	0	239.27	0	1.00	239.27	239.27	1.0	239.27
106	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and direction of Engineer in Charge.	No	4.00	0	109.50	0	4.00	109.50	438.00	4.0	438.00

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
107	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN complete as per specifications and direction of Engineer in Charge.	No	1.00	0	1624.20	0	1.00	1624.20	1624.20	1.0	1624.20
108	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete complete as per specifications and direction of Engineer in Charge.	Sqcm	23400.00	0	0.35	0	23400.0	0.35	8190.00	23400.0	8190.00
109	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP complete as per specifications and direction of Engineer in Charge.	No	1.00	0	6911.49	0	1.00	6911.49	6911.49	1.0	6911.49
110	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. complete as per specifications and direction of Engineer in Charge.	Cum	112.50	0	197.38	0	112.50	197.38	22205.25	112.5	22205.25
111	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., complete as per specifications and direction of Engineer in Charge.	Rmtr	250.00	0	164.83	0	250.00	164.83	41207.50	250.0	41207.50

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
112	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and direction of Engineer in Charge.	Cum	112.50	0	64.04	0	112.50	64.04	7204.50	112.5	7204.50
113	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leadscomplete as per specifications and direction of Engineer in Charge.	Each	3.00	0	2225.79	0	3.00	2225.79	6677.37	3.0	6677.37
114	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary (Item No. - 1.2) 25mm dia 2mm thickas per specifications and direction of Engineer in Charge.	Mtr	50.00	0	58.84	0	50.00	58.84	2942.00	50.0	2942.00
115	Supplying heavy gauge PVC Conduit Pipe ….dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (Item No. - 1.3) 25mm dia 2mm thick as per specifications and direction of Engineer in Charge.	Mtr	40.00	0	60.89	0	40.00	60.89	2435.60	40.0	2435.60
116	40mm dia 2.5mm thick (Item No. - 1.3.4)as per specifications and direction of Engineer in Charge.	Mtr	40.00	0	106.04	0	40.00	106.04	4241.60	40.0	4241.60
117	Supplying PVC/GI flexible conduit pipe…mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely (Item No. - 1.9) 20mm as per specifications and direction of Engineer in Charge.	Mtr	45.00	0	24.15	0	45.00	24.15	1086.75	45.0	1086.75

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
118	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall as per specifications and direction of Engineer in Charge.	Mtr	30.00	0	22.05	0	30.00	22.05	661.50	30.0	661.50
119	upto 50mm conduit CC floor as per specifications and direction of Engineer in Charge.	Mtr	35.00	0	39.90	0	35.00	39.90	1396.50	35.0	1396.50
120	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch box as per specifications and direction of Engineer in Charge.	Point	7.00	0	151.19	0	7.00	151.19	1058.33	7.0	1058.33
121	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box as per specifications and direction of Engineer in Charge.	Point	15.00	0	225.73	0	15.00	225.73	3385.95	15.0	3385.95
122	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box as per specifications and direction of Engineer in Charge.	Point	18.00	0	350.67	0	18.00	350.67	6312.06	18.0	6312.06
123	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm as per specifications and direction of Engineer in Charge.	Mtr	20.00	0	19.53	0	20.00	19.53	390.60	20.0	390.60
124	2.5 sqmm	Mtr	30.00	0	30.66	0	30.00	30.66	919.80	30.0	919.80
125	4 sqmm	Mtr	50.00	0	44.20	0	50.00	44.20	2210.00	50.0	2210.00
126	6 sqmm	Mtr	10.00	0	66.98	0	10.00	66.98	669.80	10.0	669.80
127	10 sqmm	Mtr	40.00	0	113.39	0	40.00	113.39	4535.60	40.0	4535.60
128	SWITCHES SOCKETS & ACCESSORIES Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way as per specifications and direction of Engineer in Charge.	Each	15.00	0	95.54	0	15.00	95.54	1433.10	15.0	1433.10

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
129	6Way	Each	18.00	0	127.04	0	18.00	127.04	2286.72	18.0	2286.72
130	8Way	Each	8.00	0	146.99	0	8.00	146.99	1175.92	8.0	1175.92
131	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module as per specifications and direction of Engineer in Charge.	Each	7.00	0	114.44	0	7.00	114.44	801.08	7.0	801.08
132	6 Module	Each	4.00	0	181.63	0	4.00	181.63	726.52	4.0	726.52
133	8 Module	Each	15.00	0	209.98	0	15.00	209.98	3149.70	15.0	3149.70
134	12 Module	Each	4.00	0	280.32	0	4.00	280.32	1121.28	4.0	1121.28
135	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 15Watts 230V CFL lamp. as per specifications and direction of Engineer in Charge.	Each	9.00	0	999.50	0	9.00	999.50	8995.50	9.00	8995.50
136	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply. as per specifications and direction of Engineer in Charge.	Each	11.00	0	680.34	0	11.00	680.34	7483.74	11.00	7483.74
137	LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts as per specifications and direction of Engineer in Charge.	Each	15.00	0	1862.52	0	15.00	1862.52	27937.80	15.00	27937.80
138	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.	No	18.00	0	1961.21	0	18.00	1961.21	35301.78	18.00	35301.78

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
139	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition. as per specifications and direction of Engineer in Charge.	No	12.00	0	5191.76	0	12.00	5191.76	62301.12	12.00	62301.12
	EIRL ITEM										
E1	Providing and Fixing pre cast covering Slab 100 mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge(Data rate)	sqm	38.33	0	-	0	38.33	2337.00	89565.53	38.33	89565.53

Item no	Description of work	Unit	Approved BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E2	Stone cleaning using biodegradable liquid solution The granite stone surface to be cleaned by means of coconut wire brush and dry cloth and there after apply safe N easy/Equivalent Bio-degradeable liquid solution on the cleaned surface with Nilon brush or sponge to an extent, towards upwards from the bottom, approximate 1 liter covers 10 Sqmtr and let the soaked surface react with the applied chemical, the depositis of dust , dirt and other material depositis on the surface and finally to be cleaned after two hours of application. connect a water pipe with water source to wash with pressure of 130ps per seccound on the safe nN easy/equivalent bio- degradable liquid solution applied surface, untill the deposit of dirt, hydro corbon soils and alge from the surface and pores of the substrate is completely removed. The principal properties of the stone is to be retained without any slightest pitting on the surface to dry from the natural environment fopr a day or 24hrs. the process should include all chemical materials, labour application, tools, high pressure water jet machine, safety procedures like hand gloves, helmet, safety belt gum boots, scaffolding, transportation etc., as per the instructions of the engineer-in-charge of the work. The Bio-degradable liquid solution should be ammonium hydrogendifloride	Sqm	752.96	0	-	0	752.96	412.74	310773.18	752.96	310773.18
	Total Amount								7562344		7562344
	12% GST								907481.31		907481.31
	Grand Total Amount								8469825.58		8469825.58

Certificate

1.The Work executed by the contractor is found satisfactory
2. The contractor has removed the debris from the work spot
3. Thereare no departmental issues for this work

Contractor

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer